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Fig. 1

E V Q L L E Q P G A
GAGGTGCAGCTGCTCGAGCAGCCTGGGGCT 30

E L A K P G A S V K
GAACTGGCAAAACCTGGGGCCTCAGTGAAG 60

M S C K A S G Y T F
ATGTCCTGCAAGGCTTCTGGCTACACCTT 90

T N Y W I H W V K Q
ACTAAACTACTGGATTCACTGGGTGAAACAG 120

R P G Q G L K W I G
AGGCCTGGACAGGGTCTGAAATGGATTGGA 150

Y I N P A T G S T S
TACATTAATCCTGCCACTGGTCCACTTCT 180

Y N Q D F Q D R A T
TACAATCAGGACTTCAAGGACAGGGCCACT 210

L T A D K S S T T A
TTGACCGCAGACAAGTCCTCCACCAAGGCC 240

Y M Q L T S L T S E
TACATGCAGCTGACCAAGCCTGACATCTGAG 270

D S S V Y Y C A R E
GACTCTTCAGTCTATTACTGTGCAAGAGAG 300

G Y D G F D S W G Q
GGGTACGACGGGTTTGACTCCTGGGGCCAA 330

G T T L T V S S
GGCACCACTCTCACAGTCTCCTCA 360

Fig. 2

E L V L T Q S P A I
GAGCTCGTGCTCACCCAGTCTCCAGCAATC 30
M S A S P G E K V T
ATGTCTGCATCTCCAGGGGAGAAGGTCACC 60
M T C S A S S S V N
ATGACCTGCAGTGCCAGCTCAAGTGTAAAT 90
Y M Y W Y Q Q K S G
TACATGTACTGGTACCAGCAGAAGTCAGGC 120
T S P K R W I Y D T
ACCTCCCCAAAAGATGGATTATGACACA 150
S K L A S G V P A R
TCCAAATTGGCTTCTGGAGTCCCTGCTCGC 180
F S G S G S G T S Y
TTCAGTGGCAGTGGGTCTGGGACCTCTTAC 210
S L T L S S M E A E
TCTCTCACACTCAGCAGCATGGAGGCTGAA 240
D A A T Y Y C Q Q W
GATGCCGCCACTTATTACTGCCCAGCAGTGG 270
S S N P Y T F G G G
AGTAGTAATCCGTACACGTTGGAGGGGGG 300
T K L E I K
ACCAAGCTGGAGATAAAA 330

Fig. 3

+1 E V Q L Q Q S G A E
GAGGTTCAGCTGCAGCAGTCTGGGGCAGAG 30

+1 L V K P G A S V K L
CTTGTGAAGCCTGGGGCCTCAGTCAAGTTG 60

+1 S C T S S G F N I K
TCCTGCACATCTTCTGGCTTCAACATTAAA 90

+1 D T Y V H W M K Q R
GACACCTATGTGCACTGGATGAAACAGAGGG 120

+1 P E Q G L E W I G K
CCTGAACAGGGCCTGGAGTGGATTGGAAAG 150

+1 I D P A N G K T K Y
ATTGATCCTGCGAATGGTAAAACTAAATAT 180

+1 D P I F Q A K A T M
GACCCGATATTCCAGGCCAAGGCCACTATG 210

+1 T A D A S S S N T A Y
ACAGCAGACGCATCCTCCAATACAGCCTAC 240

+1 L Q L S S L T S E D
CTGCAACTCAGCAGCCTGACTTCTGAGGAC 270

+1 T A V Y Y C A L P I
ACTGCCGTCTATTACTGTGCTCTCCCCCATT 300

+1 Y Y A S S W F A Y W
TATTACGCTAGTTCTGGTTGCTTACTGG 330

+1 G Q G T L V T V S A
GGCCAAGGGACTCTGGTCACTGTCTCTGCA 360

Fig. 4

+1 D I V M T Q S H K F
GACATTGTGATGACCCAGTCTCACAAATT C 30

+1 M S T S V G D R V S
ATGTCCACATCAGTAGGAGACAGGGTCAGC 60

+1 I T C K A S Q D V G
ATCACCTGCAAGGCCAGTCAGGATGTGGGT 90

+1 T S V A W Y Q Q K P
ACTTCTGTTGCCTGGTATCAACAGAAACCT 120

+1 G H S P K L L I Y W
GGGCACTCTCCTAAATTACTGATTACTGG 150

+1 T S T R H T G V P D
ACATCCACCCGGCACACTGGAGTCCCTGAT 180

+1 R F T G S G S G T D
CGCTTCACAGGCAGTGGATCTGGACAGAT 210

+1 F I L T I S N V Q S
TTCATTCTCACCATTAGCAATGTGCAGTCT 240

+1 E D L A D Y F C Q Q
GAAGACTTGGCAGATTATTTCTGTCAAGCAA 270

+1 Y S S S P T F G G G
TATAGCAGCTCTCCCACGTTCGGAGGGGGG 300

+1 A K V E I K
GCCAAGGTGGAAATAAAA 330

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+1 D I L T Q S P A I L S V S P G E
GACATCTTGC TGACTCAGTC TCCAGGCCATC CTGCTCTGTGA GTCCAGGAGA 50
+1 R V S F S C R A S Q S I G T R I H

AAGAGTCAGT TTCTCCCTGCA GGGCCAGTCA GAGCATTGGC ACAAGAAATAC 100

+1 W Y Q Q R T N G S P R L L I K Y
ACTGGTATCA ACAAAGAACAA AATGGTTCTC CAAAGGCTTCT CATAAAGTAT 150
+1 G S E S I S G I P S R F S G S G S

GGTTCTGAGT CTATCTCTGG GATCCCTTCC AGGTTAGTGTG GCAGTGGATC 200
+1 G T D F S L S I N S V E S E D I A

AGGGACAGAT TTTAGTCTTA GCATCAACAG TGTCTGAGTCT GAAGATATTG 250
+1 D Y Y C Q Q S N T W P L T F G A

CAGATTATA CTGTCACAA AGTAATAACCT GGCGGCTCAC GTTCGGTGTGCT 300
+1 G T K L E L K

GGGACCAAGC TGGAGCTGAA A

Fig. 5

+1 E V Q L L E Q S G A E L V K P G A
GAGGTGCAGC TGCTCGAGCA GTCTGGAGCT GAGCTGGTGA AGCCTGGGC 50
+1 S V K I S C K A S G Y A F S T S W

CTCAGTGAAG ATTTCCTGCA AGGCTTCTGG CTACGCCATTCA GTTACCTCCCT 100

+1 M N W V K Q R P G K G L E W I G

GGATGAACTG GGTGAAACAG AGGCCTGGAA AGGGTCTTGA GTGGATTGGA 150

+1 R I Y P G D T N Y N G K F K G

GGGATTATC CTGGAGATGG AGATACTAAC TACAAATGGGA AGTTCAAGGG 200

+1 K A T L T A D K S S S T A Y M Q L

CAAGGCCACA CTGACTGCAG ACAAAATCCTC CAGCACAGCC TACATGCAAC 250

+1 N S L T S E D S A V Y F C V R E

TCAACAGCCT GACATCTGAG GACTCTGGG TCTACTTCTG TGTAAAGAGAG 300

+1 D A Y Y S N P Y S L D Y W G Q G T

GATGCCATT ATAGTAAACCC CTATAGTTG GACTACTGGG GtCAAGGAAC 350

+1 S V T V S S

CTCAGTCACC GTCCTCTCA

Fig. 6

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+1 E L Q M T Q S P S S L S A S L G D

GAGCTCCAGA TGACCCAGTC TCCATCCAGT CTGTCAGTCAT CCCTTGGAGA 50

+1 T I T I T C H A S Q N I N V W L S

CACAATTACC ATCACTTGCC ATGCCAGTCA GAACATTAAT GTTTGGTTAA 100

+1 W Y Q Q K P G D I P K L L I Y K

GCTGGTATCA GCAGAAACCA GGAGATATCC CTAACATTATT GATCTTAAG 150

+1 A S N L H T G V P S R F S G S G S

GCTTCCAACT TGCACACAGG CGTCCCCATCA AGGTTAGTAG GCAGTGGATC 200

+1 G T G F T L V I S S L Q P E D I A

TGGAACAGGT TTCAACATAG TCATCAGCAG CCTGCAGCCT GAAGACATTG 250

+1 T Y Y C Q Q G R S Y P L T F G A

CCACTTACTA CTGTCAACAG GGTCCGAAGTT ATCCCTCTCAC GTTCGGTGCT 300

+1 G T K L E L K

GGGACCAAGC TGGAGCTGAA A

Fig. 7

+1 E V Q L L E E S G G L V K P G G
GAGGTGCAGC TGCTCGAGGA GTCTGGGGA GGCTTAGTGA AGCCTGGAGG 50

+1 S L Q L S C S A S G F T F S S H F
GTCCCC'TGCAA CTCTCCTGTT CAGCCTCTGG ATTCACTTTC AGTAGCCATT 100 8/9

+1 M S W V R Q T P E K R L E W V A
TCATGTCTTG GGTTCGCCAA ACTCCAGAGA AGAGGCTGGA GTGGGTCGCA 150

+1 S I S S G G D S F Y P D S L K G R
TCCATTAGTA GTGGTGGTGA CAGTTCTTAT CCAGACAGTC TGAAGGGCG 200

+1 F A I S R D N A R N I L F L Q M S
ATTGCCATC TCCAGAGATA ATGCCAGGA CATCCTGTT CTGCAAATGA 250

+1 S L R S E D S A M Y F C T R D Y
GCAGTCTGAG GTCTGAGGAC TCGGCCATGT ATTCTGTAC AAGAGACTAC 300

+1 S W Y A L D Y W G Q G T S V T V S
TCTTGGTATG CTTGGACTA CAGGGTCAA GGAACCTCAG TCACCGTCTC 350

+1 S
CTCA 400

Fig. 8

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Fig. 9

Eradikationsverlauf von Patient CXT0002

